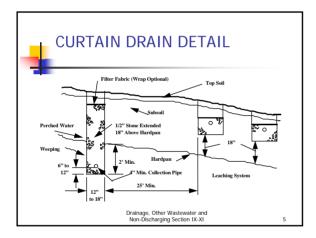


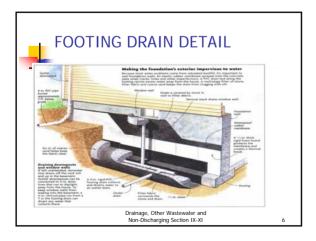


Groundwater, Roof, Cellar and Yard Drains (pg. 51)

- GW control drain construction:
 - collection pipe 6"-12" above bottom of drainage trench
 - pipe shall have minimum diameter of 4 inches (perforated or open-joint pipe)
 - surrounded by clean stone or gravel
 - otherwise designed by a professional engineer.

Drainage, Other Wastewater and Non-Discharging Section IX-XI







Section X: Other Wastewater (page 51)



Section X: Other Wastewater (page 51)

Items that cannot be discharged to a sewage disposal system:



 oils, greases, industrial waste, toxic chemicals, <u>wastewater from water</u> <u>treatment systems</u>

large amounts of cooling or process water; discharge to a separate facility

Drainage, Other Wastewater and Non-Discharging Section IX-XI

scharging Section IX-XI



Other Wastewater (pg. 51)

 On-site disposal of water treatment device wastewater via a separate dedicated disposal system shall be in accordance with DEP guidance or General Permit. Such disposal systems shall be located in compliance with the separation distances in Table No. 1.

> Drainage, Other Wastewater and Non-Discharging Section IX-XI



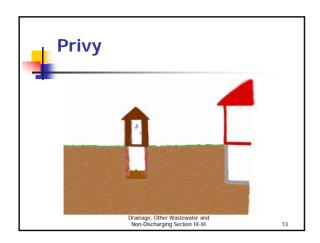
Non-Discharging Sewage Disposal Systems (pg. 52)

- Large Capacity Composting Toilets
- Heat Assisted Composting Toilets
- Incineration Toilets
- Dry Vault Privies
- Chemical Privies
- Holding Tanks-DOH to review prior to submitting to DPH for review

Drainage, Other Wastewater and Non-Discharging Section IX-XI











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1/1/07	
Form #1 Technical Standards for Subsurface Sewage Disposal Systems	
APPLICATION FOR APPROVAL TO CONSTRUCT A SUBSURFACE SEWAGE DISPOSAL SYSTEM	
Application Permit #:	
To the Director of Health, Town of: Date:	
Application is hereby made for an approval to construct a subsurface sewage disposal system for a:	-
(Residential Building, Restruenar, Retail Building, etc.)	
located at:	-
New System Addition Repair Other	
Owner Address Tel.No.	
InstallerAddressTel.No	
Installer License No	
In accordance with detailed information stated below:	
Application fee paid Signed (Owner or duly authorized representative)	
(Owner or only aunterico representative)	
	-
GENERAL INFORMATION	-
Soil Tests Conducted (Date):Lot sizesq.ft.	
Area of Special Concern (Y/N):If yes, Reason(s):	
Basis of Design (# of Bedrooms, Restaurant Seats, Building Size, etc):	
Engineered Plan Required (Y/N):If yes, Name of Engineer:	
Address of Engineer:	
Design Plan Approved (Y/N):Date of Approved Plan:Revision Date:	
Type of Water SupplyIf well, has location been approved (Y/N):	
Well Driller's Name:Address:	
OFFICE USE ONLY	
Approval to Construct is hereby issued by:Date:	
Signature:Title:	
Note: Approvals to Construct can only be issued by the Local Director of Health or Registered Sanitarian	
56	
	1
Form # 2. Site investigation	
Form # 2: Site investigation	
for a sewage disposal system	
Tor a servage disposal system	
(pgs. 54-55)	

			b/E/07
		ubsurface Sewage Disposal System UBSURFACE SEWAGE DISI	
	STIGATION FOR A S	Application/Perm	
perty Owner		Location	
E:	DEEP TEST PIT (Re	DATA/SOIL DESCRIPTIONS cord all Test Pits)	
T PIT:	TEST PIT:	TEST PIT:	TEST PIT:
ottles: W:	Mottles: GW:	Mottles: GW:	Mortles: GW:
fge: ots:	Ledge: Roots:	Ledge: Roots:	Ledge: Roots:
strictive:	Restrictive:	Restrictive:	Restrictive:
MMENTS:			
OUNDWATER TAE	BLE (Near max., below max	i., etc.)	
MOISTURE (High	h, medium, low, etc):		
E:	PERO	(Record all Perc Tests)	
	PERC:	PERC:	PERC:
H: DAK:	DEPTH: PRESOAK:	DEPTH: PRESOAK:	DEPTH: PRESOAK:
E READIN	G TIME RE	ADING TIME REA	DING TIME REA
tC	PERC	PERC	PERC
TE:	RATE:	RATE:	RATE:
MMENTS:			
		57	
		-	
			1/1/0
m #2 (Cont'd)		for Subsurface Sewage Disposal S	
SITE INVE	STIGATION FOR A	SUBSURFACE SEWAGE D	SPOSAL SYSTEM
LOCATION D	RAWING INCLUDIN	G ALL TEST PITS AND PE	RCOLATION HOLES

SPECIAL CONDITIONS	CONCLUSIONS	
Design Flow > 2000 GPD	Suitable for Sewage Disposal	
Public Water Supply Watershed	Unsuitable for Sewage Disposal	
Probable High Groundwater	Additional Investigation Req'd	
Slope > 25 percent	Wet Season Monitoring Req'd	
Perc Rate < 1 min/inch	Retest During Wet Season	
Perc Rate > 30 min/inch	Licensed Engineer Plan Req'd	
Ledge < 5 feet below grade	Other:	
Limited Suitable Area		
Open Watercourse or Wetlands		
Flood Plain / Seasonal Flooding		
Max. G.W. < 36 inches below grade		
DESIGN RECO	OMMENDATIONS/COMMENTS	
	DAMMENDATIONS/COMMENTS	
Form completed by:		
Form completed by:(Certified	Local Health Agest or P.E.)	
Form completed by:	Local Health Agest or P.E.) (Certified Local Health Agest)	
Form completed by:(Certified Accuracy assured by (If P.E. completed form):	Local Health Agest or P.E.) (Certified Local Health Agest)	
Form completed by:(Certified Accuracy assured by (If P.E. completed form):	Local Health Agest or P.E.) (Certified Local Health Agest)	
form completed by:(Certified	Local Health Agest or P.E.) (Certified Local Health Agest)	



Form #2 (pg. 56-57)

 Form #2 Alternate included. This is the form used at the soil training workshops.

> Drainage, Other Wastewater and Non-Discharging Section IX-XI

| Technical Standards for Section for Sect

	•
Final 2 Months Cartie Special Conditions Location Grawing Design Rev. 2000 (20 th) Patter Times Design Transmitted Location Grawing Design Rev. 2000 (20 th) Patter Times Design Transmitted	
Public Water Supply Waltershed Struktur John Vision (1997)	
Particular Ingle Concert Interest Congress 2	
Perc Rate > 30 min/noth Ladou = 5 fear Balau Gradu	
Ledge 15 Seet Balow Grade (mited Sulation Area Copen Watercourse or Wirdand	
Flood Plain/Seasonal Flooding	
G.W. = 36 inches Briton-Grade Conclusiones Eustatie for (e-uage Cosposal	
Commission for Serving Corporal According to Serving Corporal According Investigation Required Vite Cleaner Monthly Required Vite Cleaner Monthly Required	
Wet Season Monitoring Required Reseat During Wet Season	
Retest During Wet Season Licensed Engineer Plan Required Other Other	
Percolation Test Data	
PRESONK PRESON	
PERC PERC PERC PERC RATE RATE	
	1
F // O .	
Form #3 (pg. 58-59)	
Final Inspection Checklist	
- That inspection encounst	
Drainage, Other Wastewater and Non-Discharging Section IX-XI 26	
Non-Discharging Section IA-AT 20	-
	-
Form #3 Technical Standards for Substrace Sewage Disposal Systems 1/1/2007	
Application/Permit#:	
Final Inspection Report	
Local Health Department:	
Property Owner:	
Property Address: Town:	

Licensed Installer:

Plan Approved by:

Non residential Building/Residential Institution:

Plan Prepared by:

License #:

GPD

Date:

Approved Plan Information

Residential Building: bedrooms Large Tub: YES NO Garbage Disposal: YES NO

Drainage, Other Wastewater and Non-Discharging Section IX-XI

	Approval to Constru	KI
Date Permit Issued:	Permit Issued by:	Registered Sanitasian or Director of Health
	Inspection Informati	on
Stake Inspection (house, well.	Date Present? Yes/No	Comments
property lines, system etc.)		
Strip/Scarification Select Fill Placement		Sieve required (Yes/No)
Other:		
Final Inspection		
Was 24 Hour (min) Installer Notice G	iven: YES NO Date Fina	al Inspection Requested:
Final Inspection Completed by:		Date of As-Built Approval:
Permit to Discharge Issued by:		Date:
Reg	istered Samitarian or Director of Health	
	Drainage, Other Wastew Non-Discharging Section	vater and on IX-XI
FORM #3 (Confd) Technical	d Standards for Subsurface Sewage I	Disposal Systems 1/1/2007
	Final Inspection Repo House Sewer Informati	
Pipe Type and ASTM Specification:_		Pipe Size: in.
Pipe Invert Elevations at:		Pipe Length: ft.
Foundation Wall:	Pi	itch Required:
Septic Tank:		itch Provided:
	Tank Information	
	Gallons Tank Inlet	
Tank Manufacturer:		et Elevation:
Date Manufactured:		ded (Y/N):
Outlet Filter Type: Other:	Outlet Filt	er Manufacturer:
Pump Chamber		
Size: Pump Chamber		rm Checked (Y/N):
Manufacturer: Grease Interceptor	Grease Int	trol Elevation Verified (Y/N): erceptor Tank
Tank Size:	Gallons Manufacto	# 4 1:
	Leaching System Informs	ation
Approved Aggregate: Stone T	ire Chip Aggregate	Free of silt dirt and debris (Y/N):
Filter Fabric Present (Y/N):	kose	Meets PHC Specifications (Y/N):
Select Fill: N/A Meets PH	C Specifications (Y/N):	Sieve Information on File (Y/N):
Leaching System Description:		
(Jeaching product, size, length, number of rows/trenches, level or serial distribution, etc.)		
Effective Leaching Area Required:	0	Parama Aras Dravidad Atta MAN
		Reserve Area Provided (N/A, Y/N):
Effective Leaching Area Provided:		Center to Center Spacing: ft.
System Installed Per Approved Plan Elec If No to above, Were Separation Distances		Curtain Drain Required (Y/N):
A 170 to above, were Separation Distances	Separation Distances	
Separation Distances Conform with App		
If No. Separation Distances Meet Requir	ements of Table No. 1 (Y/N):	
	Drainage, Other Wastew	vater and
	Non-Discharging Section	on IX-XI



Form #4 (pg. 60)

- Permit to Discharge
 - The previously circulated permit to discharge has been updated and revised.

Drainage, Other Wastewater and Non-Discharging Section IX-XI

Form #4 Technical Standards for Subsurface Sewage Disposal Systems PERMIT TO DISCHARGE Approval is hereby given to		
Approval is hereby given to		
Health Code Section 19-13-B103e (h) to discharge to a subsurface sewage disposal system located at (Street Address) in the town of	Approval is hereby given to, in accordance with Public	
in the town of	Health Code Section 19-13-B103e (h) to discharge to a subsurface sewage disposal system located at	
Restaurant containing seats. Commercial/Office building providing sequare feet. Other structure as described: Design How = gallons per day. Permitted Flow = gallons per day. The design flow shall equal the permitted flow, except for non-compliant repairs (See Section IV D). In order to provide a sufficient factor of safety it is recommended that the average daily discharge not	in the town of, CT that will receive domestic sewage from a:	
The design flow shall equal the permitted flow, except for non-compliant repairs (See Section IV D). In order to provide a sufficient factor of safety it is recommended that the average daily discharge not	Restaurant containingseats. Commercial/Office building providingsquare feet.	
	Design Flow =gallons per day. Permitted Flow =gallons per day. The design flow shall equal the permitted flow, except for non-compliant repairs (See Section IV D).	
		Approval is hereby given to

Operation and Maintenance: Septic tank shall be inspected regularly and pumped as needed but not	
less frequently than every five years. The septic tank has an effluent filter (Y/N) Effluent filters require periodic cleaning. Failure to clean filters can result in sewage backup into the building or effluent breakout. Restaurants serviced by external grease interceptor tank(s) require quarterly inspections and cleaning as necessary. Tank pump-outs tracked by local health department (Y/N) If yes.	
stipulate pump-out requirements: Special Requirements and Restrictions: 1.Septic system malfunction or failure must be addressed.	
Exceptions (Repairs Only):	

File Information: Construction Pennit No Approved as-built on file (Y/N) Date of Final Inspection: Inspected By:	
Permit Issuance: Issued by:	
Signature:Date: Pennit expiration date (5 years from issuance date):	